Journal of Fluid Mechanics **Volume 311 25 March 1996**

A. Yu. Gelfgat, P. Z. Bar-Yoseph & A. Solan Stability of confined swirling flow with and without vortex breakdown *page* 1

G. Broze & F. Hussain Transitions to chaos in a forced jet: intermittency, tangent bifurcations and hysteresis 37

M. F. Reeder & M. Samimy The evolution of a jet with vortex-generating tabs: real-time visualization and quantitative measurements 73

J. E. Hart & M. D. Mundt Instability of oscillatory Stokes–Stewartson layers in a rotating fluid 119

G. Lian, M. J. Adams & C. Thornton Elastohydrodynamic collisions of solid spheres 141

P. Cooper & P. F. Linden Natural ventilation of an enclosure containing two buoyancy sources 153

P. F. Linden & P. Cooper Multiple sources of buoyancy in a naturally ventilated enclosure 177

J. L. Sommer & A. Mortensen Forced unidirectional infiltration of deformable porous media 193

A. de Ryck & D. Quéré Inertial coating of a fibre 219

R.-S. Lin & M. R. Malik On the stability of attachment-line boundary layers. Part 1. The incompressible swept Hiemenz flow 239

J. B. Flór & G. J. F. van Heijst Stable and unstable monopolar vortices in a stratified fluid 257

J. Q. Feng & T. C. Scott A computational analysis of electrohydrodynamics of a leaky dielectric drop in an electric field 289

D. A. Reinelt & A. M. Kraynik Simple shearing flow of a dry Kelvin soap foam 327

M. D. Bryden & H. Brenner Multiple-timescale analysis of Taylor dispersion in converging and diverging flows 343

M. M. Fyrillas & A. J. Szeri Surfactant dynamics and rectified diffusion of microbubbles 361

REVIEWS

Applied Analysis of the Navier–Stokes Equations, by C. Doering and J. K. Gibbon 379
Waves and Distributions, by T. Jonsson and J. Yngvason 380
Hot-Wire Anemometry, by H. H. Bruun 381

INDEX TO VOLUME 311 382

CAMBRIDGE
UNIVERSITY PRESS

JFLSA7 311 1–382 (1996) 0022–1120 © Cambridge University Press 0022-1120(199603)311;1-H